



## CHAPTERS 6 & 7 EXAM STUDY GUIDE

Trigonometry



**\*\*ALL CL PROBLEMS AND SOLUTIONS ARE ATTACHED TO YOUR HOMEWORK TRACKER ☺ THEY CAN ALSO BE FOUND ONLINE IN YOUR E-BOOK.**

### EKS #3: APPLY THE PROPERTIES OF EXPONENTS TO SOLVE EXPONENTIAL GROWTH AND DECAY PROBLEMS.

- 1) CL 7-232
  - a. Need help? Lesson 7.2.3
  - b. More practice: 7-125, 7-127, 7-137, 7-138
- 2) CL 7-233
  - a. Need help? Lessons 2.1.6 & 3.2.3
  - b. More practice: 2-79, 2-87, 2-103, 2-154, 3-18, 3-40, CL 3-138, 4-33, 4-42, 4-73, 7-15, 7-138, 7-147
- 3) CL 6-127
  - a. Need help? Lesson 2.1.6 & 3.2.3
  - b. More practice: 2-78 & everything from previous problem
- 4) CL 4-159
  - a. Need help? Lesson 3.2.2
  - b. More practice: 3-22, 3-39, 3-62, 3-95, 3-107, 3-108, 3-109, 3-122.

### EKS #4: TRANSFORM PARENT GRAPHS TO MODEL REAL-WORLD SITUATIONS.

- 5) For the quadratic, cubic, or square root function, answer the questions from 4-61.

### EKS #6: UNDERSTAND THE RELATIONSHIP BETWEEN FUNCTIONS AND THEIR INVERSES.

- 6) CL 7-234
  - a. Need help? Lessons 6.1.1 & 6.1.3
  - b. More practice: 6-4, 6-7, 6-39, 6-60, 7-118, 7-132, 7-141, & Tic Tac Toe we did in class
- 7) CL 6-121
  - a. Need help? Lessons 6.1.1 & 6.1.3
  - b. More practice: 6-2, 6-3, 6-4, 6-38, 6-39
- 8) CL 6-122
  - a. Need help? 6.1.2 & 6.1.3, Math Notes box in Lesson 6.1.2, Problems 6-40 & 6-41
  - b. More practice: 6-21, 6-22, 6-24, 6-26, 6-39, 6-42, 6-44, 6-45, 6-60, 6-113
- 9) CL 4-164
  - a. Need help? Math Notes in Lesson 1.1.1
  - b. More practice: 1-22, 1-36, 1-87, 2-8, 2-55, 2-102, 3-115, 4-57, 4-58

### EKS #8: USE LOGARITHMS TO SOLVE EXPONENTIAL EQUATIONS.

- 10) 8 Tables problems (on the back) – we did this in class as well.
  - a. Need help? Refer to your flipbook!



### ALL DONE??

Check your answers using the tables at the end of each chapter (also attached to your homework tracker). Which problems do you feel confident about? Which problems were hard? Have you worked on problems like these in math classes you have taken before? Use the tables to make a list of topics you need help on for office hours and a list of topics you need to practice more.